What I claim is:

1. A filament composition having a surface for reducing microbial contamination comprising a filament material and lactoferrin.

2. The filament composition in accordance with claim 1 wherein at least some of the lactoferrin is immobilized on a biologically active substrate via the N-terminus region of the lactoferrin.

3. The filament composition in accordance with claim 2 wherein the ratio of immobilized lactoferrin to free lactoferrin is from about 1:1 to about 1:500.

4. The filament composition in accordance with claim 2 wherein the ratio of immobilized lactoferrin to free lactoferrin is from about 1:4 to about 1:100.

5. The filament composition in accordance with claim 2 wherein the ratio of immobilized lactoferrin to free lactoferrin is about 1:20.

6. The filament composition in accordance with claim 2 wherein the biologically active substrate is a protein, a polysaccharide, a nucleic acid, a nucleotide or a lipid.

7. The filament composition in accordance with claim 2 wherein the biologically active substrate is galactose-rich polysaccharide, collagen, gelatin, fibronectin, casein, mucin, heparan-sulfate, carrageenan, pectin, deoxyribonucleic acid, adenosine triphosphate or a triglyceride.

8. The filament composition in accordance with claim 2 wherein the concentration of the lactoferrin on the surface of the filament composition for reducing microbial contamination is from about 0.0001 to about 10 mg/square inch.

9. The filament composition in accordance with claim 2 wherein the concentration of the lactoferrin on the surface of the filament composition for reducing microbial contamination is from about 0.01 to about 1 mg/sq. inch.

10. The filament composition in accordance with claim 2 wherein the filament material is a monofilament or a multifilament material.

11. The filament composition in accordance with claim 2 wherein the surface of the filament composition for reducing microbial contamination has a coating containing the lactoferrin.

12. The filament composition in accordance with claim 2 wherein the filament material is covalently bonded to the lactoferrin.

13. A dental floss composition having a surface for reducing microbial contamination comprising a dental floss material and lactoferrin.

14. The dental floss composition in accordance with claim 13 wherein at least some of the lactoferrin is immobilized on a biologically active substrate via the N-terminus region of the lactoferrin.

15 The dental floss composition in accordance with claim 14 wherein the ratio of immobilized lactoferrin to free lactoferrin is from about 1:4 to about 1:100.

16. The filament composition in accordance with claim 14 wherein the biologically active substrate is a protein, a polysaccharide, a nucleic acid, a nucleotide or a lipid.

17. The filament composition in accordance with claim 14 wherein the biologically active substrate is galactose-rich polysaccharide, collagen, gelatin, fibronectin, casein, mucin, heparan-sulfate, carrageenan, pectin, deoxyribonucleic acid, adenosine triphosphate or a triglyceride.

18. The dental floss composition in accordance with claim 14 wherein the concentration of the lactoferrin on the surface of the dental floss composition for reducing microbial contamination is from about 0.0001 to about 10 mg/square inch.

19. The dental floss composition in accordance with claim 14 wherein the concentration of the lactoferrin on the surface of the dental floss composition for reducing microbial contamination is from about 0.01 to about 1 mg/sq. inch.

20. The dental floss dental composition in accordance with claim 14 wherein the dental floss material is a monofilament material, a multifilament material or a tape.

21. The dental floss composition in accordance with claim 14 wherein the dental floss material is a multifilament material.

22. The dental floss composition in accordance with claim 14 wherein the surface of the dental floss composition for reducing microbial contamination has a coating containing the lactoferrin.

23. The dental floss composition in accordance with claim 22 wherein the coating is a pH sensitive wax or polymeric coating.

24. The dental floss composition of claim 14 wherein the dental floss material has a layer of a hydrophilic polymer treated with the lactoferrin and a permeation enhancer.

25. The dental floss composition in accordance with claim 14 wherein the dental floss material is covalently bonded to the lactoferrin.

26. A suture composition having a surface for reducing microbial contamination comprising a suture material and lactoferrin.

27. The suture composition in accordance with claim 26 wherein at least some of the lactoferrin is immobilized on a biologically active substrate via the N-terminus region of the lactoferrin.

28. The suture composition in accordance with claim 27 wherein the ratio of immobilized Lactoferrin to free Lactoferrin is from about 1:4 to about 1:100.

29. The suture composition in accordance with claim 27 wherein the biologically active substrate is a protein, a polysaccharide, a nucleic acid, a nucleotide or a lipid.

30. The suture composition in accordance with claim 27 wherein the biologically active substrate is galactose-rich polysaccharide, collagen, gelatin, fibronectin, casein, mucin, heparan-sulfate, carrageenan, pectin, deoxyribonucleic acid, adenosine triphosphate or a triglyceride.

31. The suture composition in accordance with claim 27 wherein the concentration of the Lactoferrin on the surface of the suture composition for reducing microbial contamination is from about 0.0001 to about 10 mg/square inch.

32. The suture composition in accordance with claim 27 wherein the concentration of the lactoferrin on the surface of the suture composition for reducing microbial contamination is from about 0.01 to about 1 mg/sq. inch.

33. The suture composition in accordance with claim 27 wherein the suture material is a monofilament material or a multifilament material.

34. The suture composition in accordance with claim 27 wherein the suture material is a monofilament material.

35. The suture composition in accordance with claim 27 wherein the suture material is a multifilament material.

36. The suture composition in accordance with claim 27 wherein the surface of the suture composition for reducing microbial contamination has a coating containing the lactoferrin.

37. The suture composition in accordance with claim 27 wherein the dental floss material is covalently bonded to the lactoferrin.